

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As one of the below-named inventors, I hereby declare that:

My residence, post office address and citizenship are as stated below under my name.

I believe that the other below-named inventors and I are the original, first and joint inventors of the subject matter which is disclosed and claimed in the patent application entitled METHOD FOR MANUFACTURING PAPER AND PAPERBOARD USING FRACTURE TOUGHNESS MEASUREMENT, the specification of which is attached hereto, and for which a patent is sought.

I hereby state that I have reviewed and understand the contents of the above-identified patent application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which is material to patentability (as defined in 37 CFR § 1.56(a)) in connection with examination of this application.

I hereby appoint Michael J. Doyle, Reg. No. 29,635; Christopher Nicastri, Reg. No. 32,161; Glenn F. Ostrager, Reg. No. 29,963; Dennis M. Flaherty, Reg. No. 31,159; and Joshua S. Broitman, Reg. No. 38,006, jointly and severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Ostrager Chong & Flaherty LLP, 825 Third Avenue, 30th Floor, New York NY 10022-7519.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: WADOOD HAMAD

Inventor's signature:

W.H. Hamad 4/4/01  
DATE

Residence: Mahwah, New Jersey

Citizenship: Canada

Post Office Address: ~~787 Sassafras St.~~ 2133 Isabelle Ct.  
Mahwah, NJ 07430

Full name of second joint inventor: XIANG YU

Inventor's signature:

X.Y. Yu 4/4/01  
DATE

Residence: Paramus, New Jersey

Citizenship: China

Post Office Address: 456 Oregon Street  
Paramus, NJ 07652

Full name of third joint inventor: THOMAS D. SANDRY

Inventor's signature: Thomas D. Sandry 4/4/01  
DATE

Residence: Tuxedo, New York

Citizenship: United States of America

Post Office Address: 120 Maplebrook Rd.  
Tuxedo, NY 10987